

Fig 1. Prior Art: Current Popular Approach to Buffer or Solvent Blending

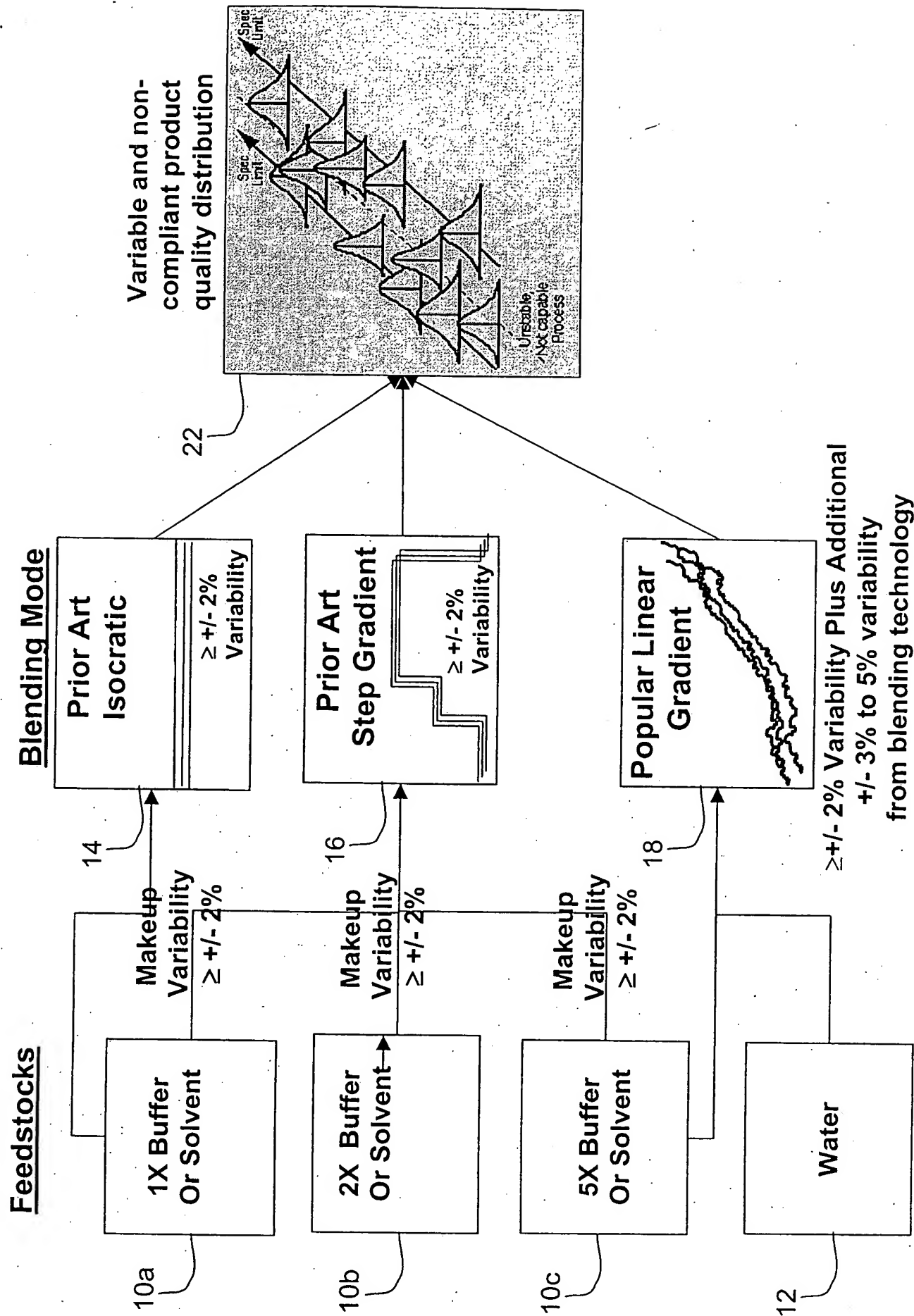


Fig 2

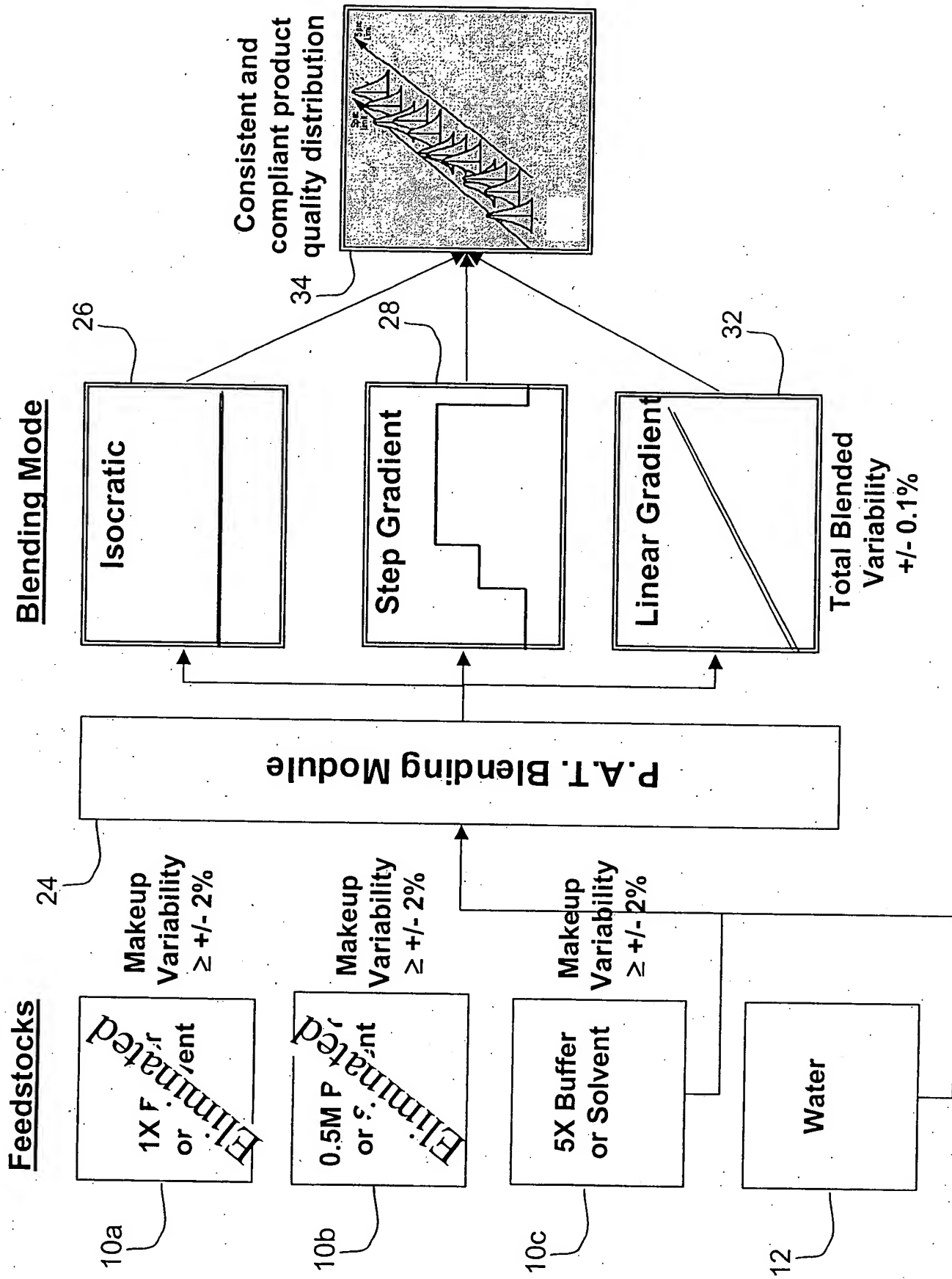
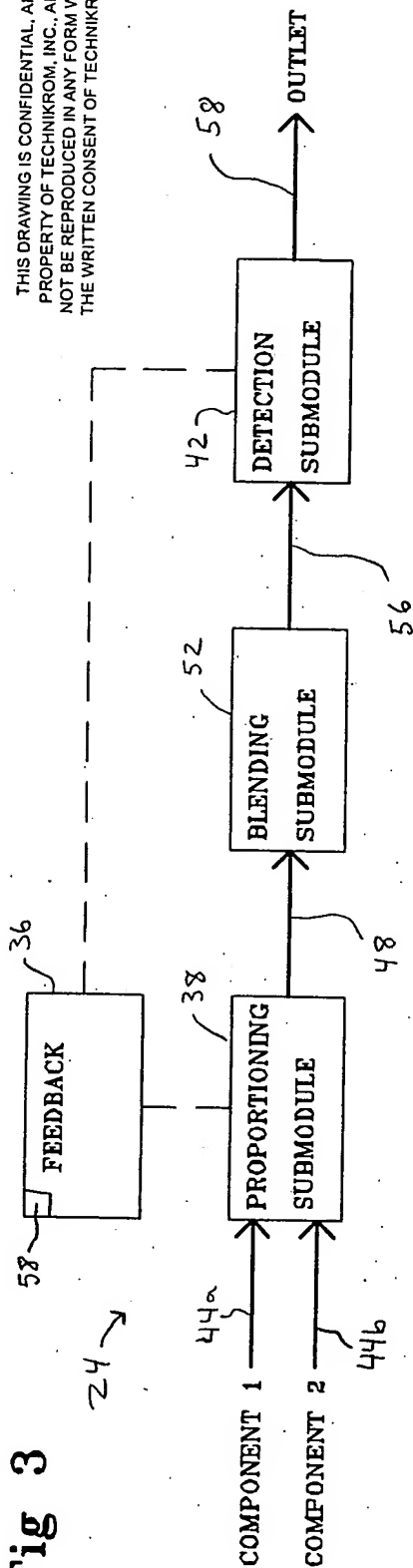
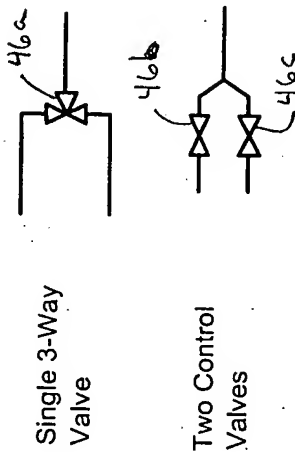


Fig 3

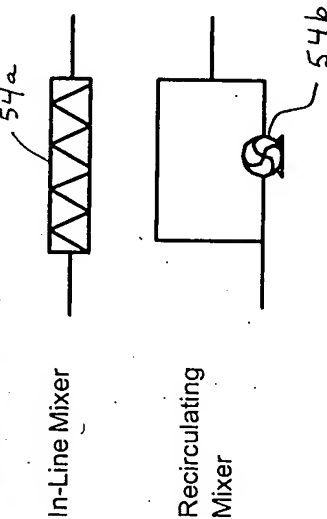
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Proportioning Submodule Options



Blending Submodule Options



Detection Submodule Options

Any ~~Proportioning~~ Sensor
UV, NIR, pH, Conductivity,
Temperature, etc.

Feedback Mechanisms

A processor interprets electrical output from detection module and provides input to proportioning module in order to maintain setpoint.

Microprocessor, PLC, PC, etc.

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TechniKrom PAT Blending Module

CREATED BY KS	CHECKED BY DWC HQ	PAT-Module-REV B	REV B
SCALE N/S	DATE 10/15/03	SHEET 1 of 1	

Fig. 4

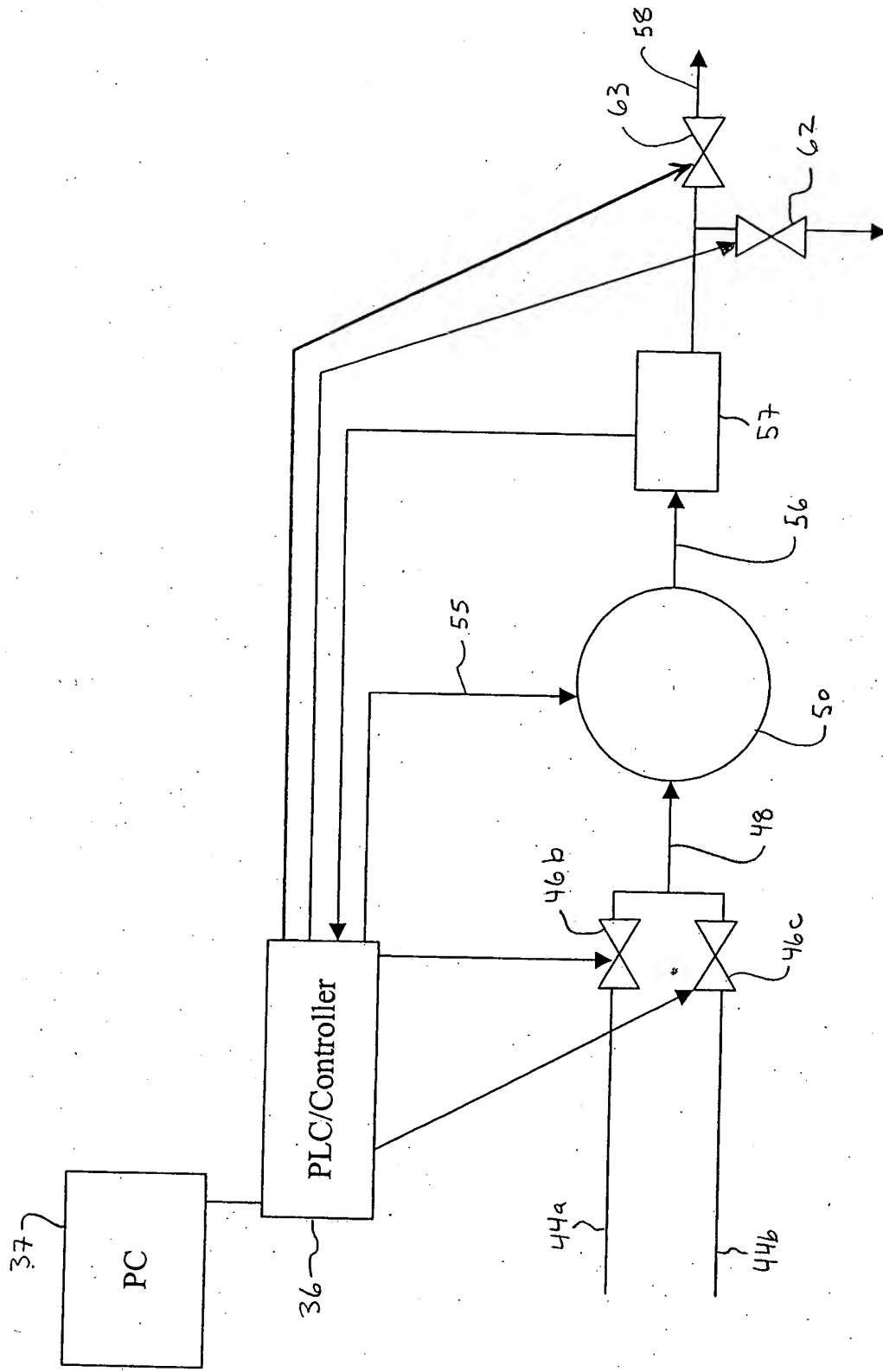


Fig. 5

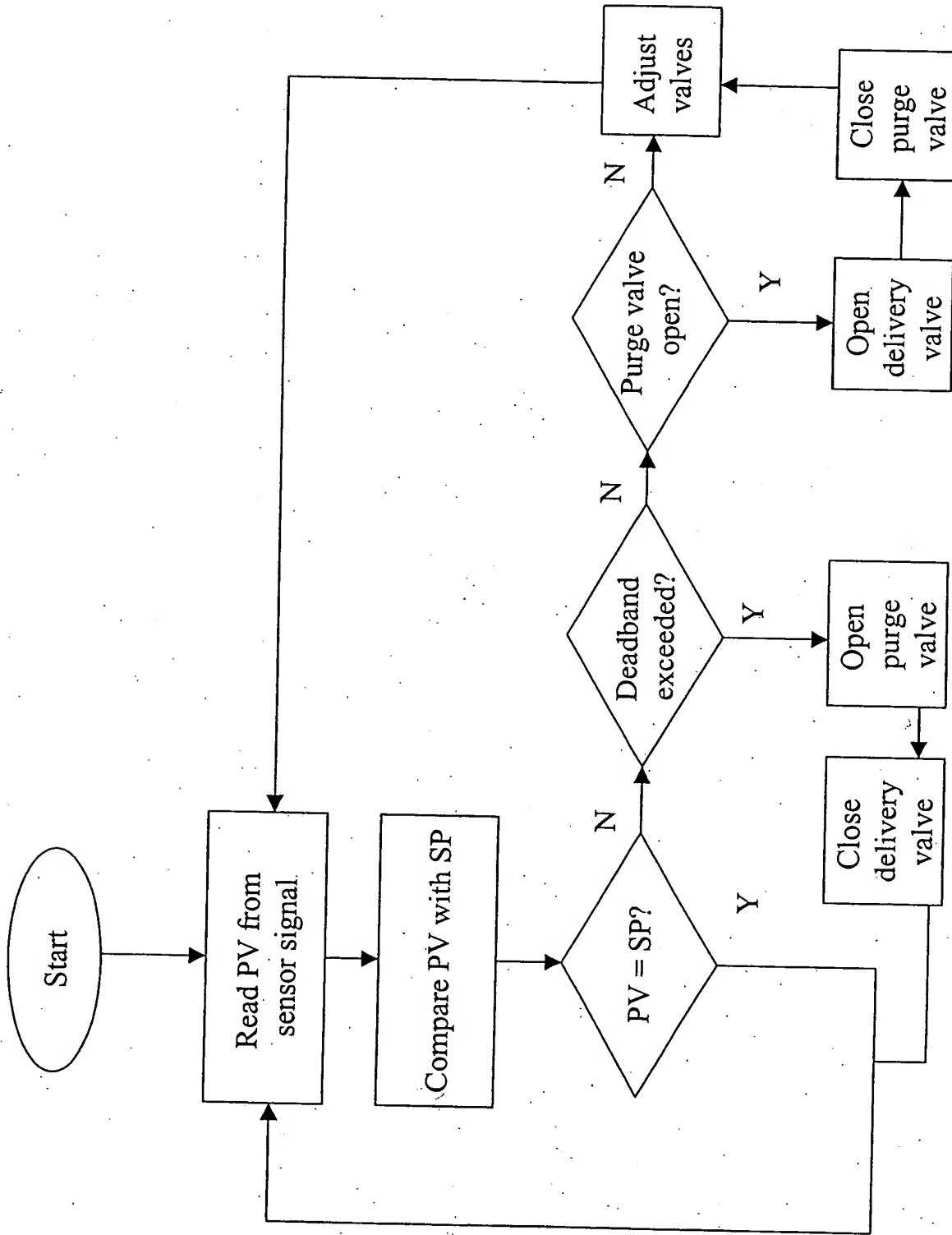
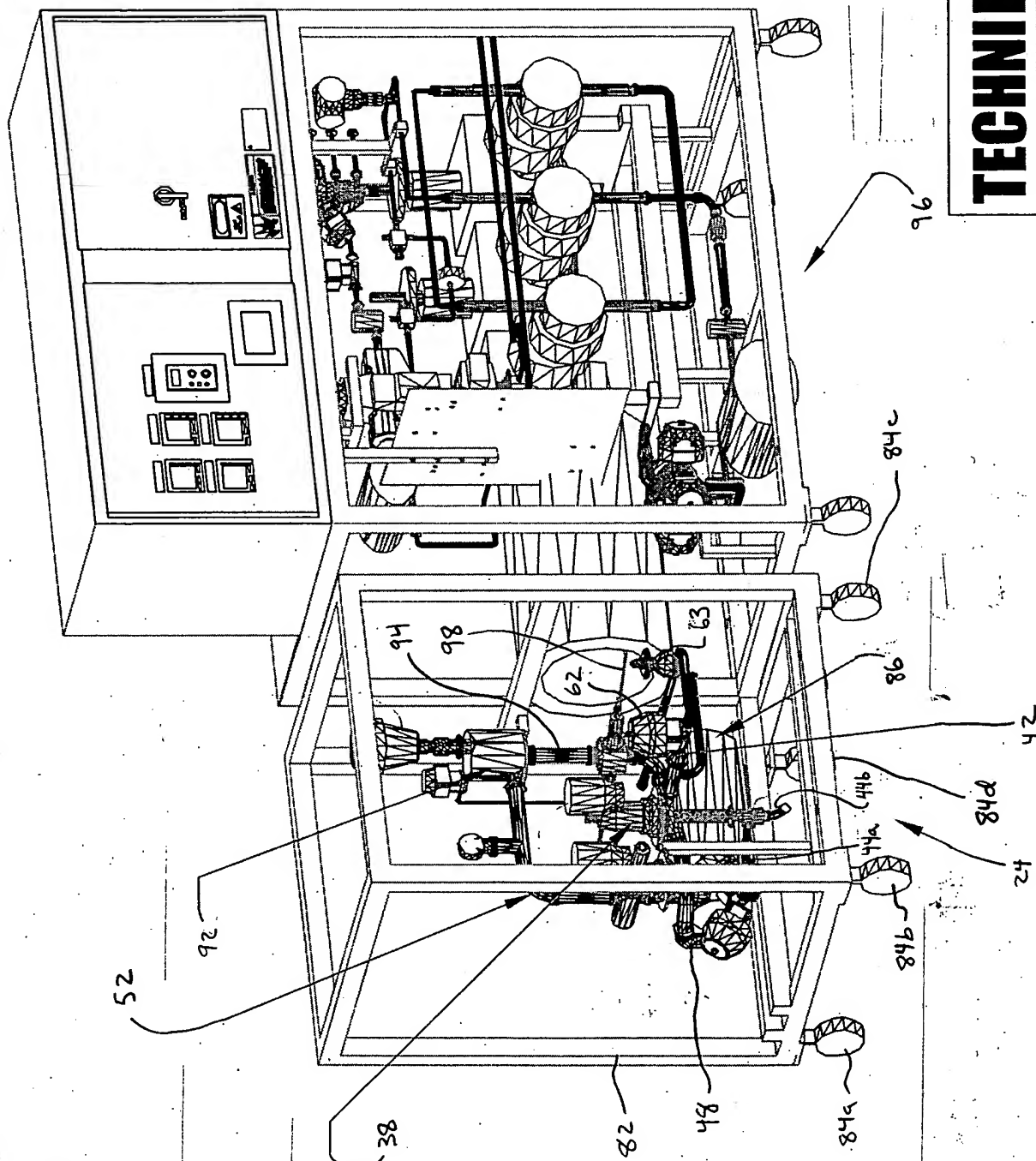


Fig 6



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PAT Blending Module with Existing System

CREATED BY K.H.	DMC NO. 2002.06.30.REV4	REV 2
SCALE NTS	DATE 09/26/03	SHEET 1 of 1

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